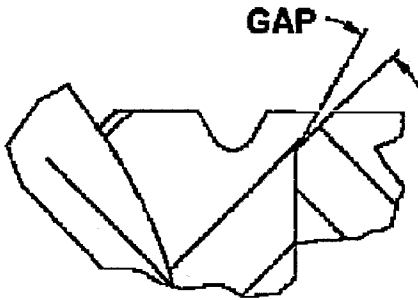
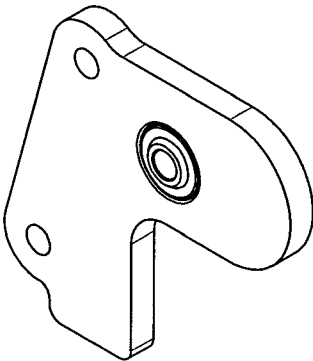
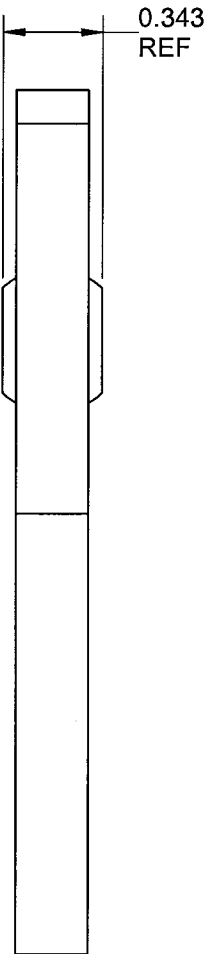
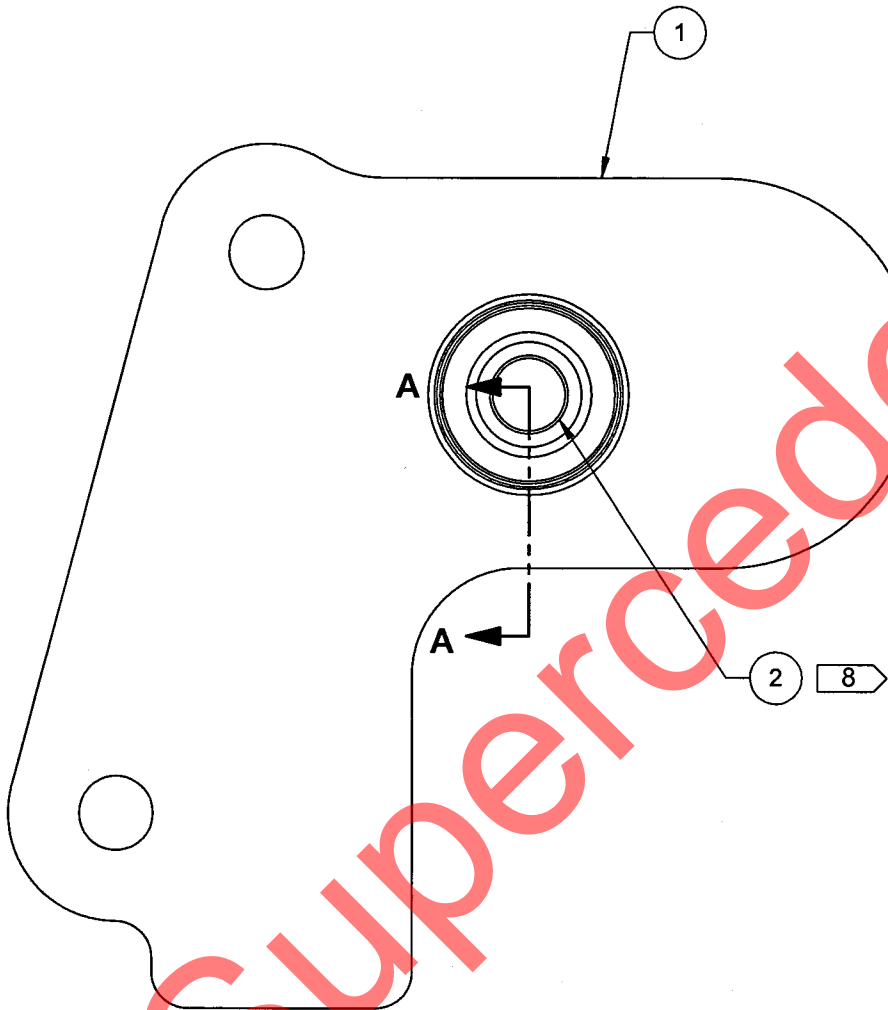


ITEM	QTY -041	P/N	DESCRIPTION
	X	D5496-041	CONNECTOR ASSY
1	1	D5496-1	CONNECTOR
2	1	MS14101-4	SPHERICAL BEARING



SECTION A-A

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 0.15 lbs
 - 8) INSTALL THE MS14101 BEARING AS FOLLOWS:
 - A) PRESS BEARING INTO D5496-1 AND LOCATE ON CENTER AS SHOWN.
 - B) ALIGN BEARING WITH ROLLER STAKING TOOL AND GUIDE PIN
 - C) A TRIAL STAKE ASSEMBLY SHOULD BE MADE TO DETERMINE STAKING FORCE NECESSARY TO MEET AXIAL LOAD REQUIREMENTS (430 LB). PROPER STAKING FORCE IS REQUIRED BECAUSE EXCESSIVE PRESSURE COULD RESULT IN BEARING DISTORTION ALONG WITH LIFE.
 - D) PRESSURE ESTABLISHED BY TRIAL ASSEMBLY IS TO BE APPLIED. AFTER THE FIRST STAKE IS COMPLETED, ROTATE THE ASSEMBLY 90° AND RE-APPLY. REPEAT OPERATION THROUGH A MINIMUM OF THREE ROTATIONS TO INSURE 360° UNIFORMITY OF STAKE.
 - E) AFTER STAKING, A SLIGHT GAP MAY EXIST BETWEEN THE RACE LIP AND HOUSING CHAMFER. THIS SLIGHT GAP (SECTION A-A) MAY NOT BE CAUSE FOR REJECTION IF THE BEARING MEETS OR EXCEEDS THE REQUIRED AXIAL LOADS (430 LB).

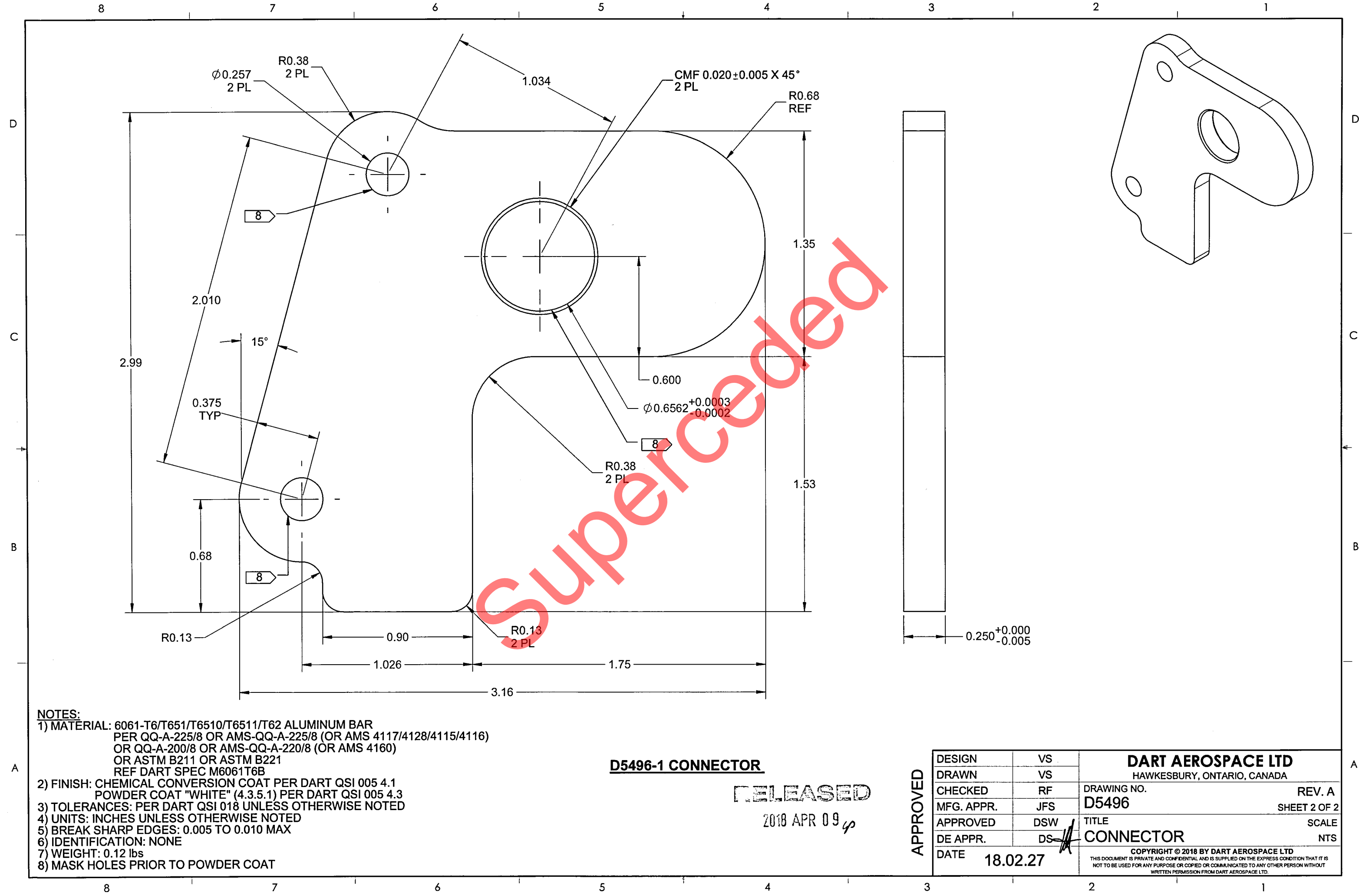
D5496-041 CONNECTOR ASSY

RELEASED

2018 APR 09
EIN 18-706

APPROVED

A	NEW ISSUE	VS	18.02.27
REV.	DESCRIPTION	BY	DATE
DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	JFS	D5496	SHEET 1 OF 2
APPROVED	DSW	TITLE	SCALE
DE APPR.	DS	CONNECTOR	NTS
DATE	18.02.27	COPYRIGHT © 2018 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



- NOTES:
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-220/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
REF DART SPEC M6061T6B
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 0.12 lbs
 - 8) MASK HOLES PRIOR TO POWDER COAT

D5496-1 CONNECTOR

RELEASED
2018 APR 09

APPROVED

DESIGN	VS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	JFS	D5496	SHEET 2 OF 2
APPROVED	DSW	TITLE	SCALE
DE APPR.	DS	CONNECTOR	NTS
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